...CT MANAGEMENT CONSU...

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

RR Nagar Division

MEASUREMENT SHEET

PAYMENT CERTIFICATE

2nd & Part BILL

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)complete as per the direction of Engineer in charge									
		Sqm							11876.37	
	Qty Paid Upto 3rd And Part Bill									
							Total Qty Payable In This Bill		0.00	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Enginee
Yashwanthapura Sub Divisio

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Bill Status : 3rd And Final Bill

Date :

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
2	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per the direction of Engineer in charge								8248.80	
	Dismantling	Cum								
	Qty Paid Upto 3rd And Part Bill									
	J Ashok Home Road		1	8.20			1.40	1.20	13.78	
	Soumyashree Badavane		1	8.70			1.40	1.20	14.62	
	Gully Mart		1	9.20			1.40	1.20	15.46	
	SLV		1	8.50			1.40	1.20	14.28	
	7TH Chandrappa Badavane		1	6.50			1.40	1.20	10.92	
	6th Cross Road		2	5.80			1.40	1.20	19.49	
	6th Cross Sharadamba Road		1	7.50			1.40	1.20	12.60	
	7th Cross Sharadamba Road		1	6.20			1.40	1.20	10.42	
	Sharadamba Nagara Main Road		4	6.50			1.40	1.20	43.68	
	HMT Quarters 1st Cross		6	6.4			1.40	1.20	64.81	
	Ward Office Road (Aishwarya Enclave)		2	6.50			1.40	1.20	21.84	
	2nd Cross HMT		4	6.00			1.40	1.20	40.32	
	3 RD Cross HMT		4	6.40			1.40	1.20	43.01	
	4th Cross		4	5.30			1.40	1.20	35.62	
	HMT Ground Road		3	6.67			1.40	1.20	33.60	
	Hospital Road `		1	4.00			1.40	1.20	6.72	
	Jalahalli Police Station Road		1	7.00			1.40	1.20	11.76	
	Bahubali Nagara C Cross		1	6.50			1.40	1.20	10.92	
	5 th D Cross Jalahalli Village		1	6.50			1.40	1.20	10.92	
	Jalahalli Village 3 RD Cross		1	5.00			1.40	1.20	8.40	
	Depot Opposite Road		1	5.00			1.40	1.20	8.40	
	2 nd Cross Road Jalahalli Village		3	4.10			1.40	1.20	20.66	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Enginee
Yashwanthapura Sub Divisio

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
	2nd Cross Road	m	2	4.30			1.40	1.20	14.45	
	Near Muttyalamma Temple		3	5.90			1.40	1.20	29.74	
							Total Work Done		8765.20	
							Deduct Paid Qty Upto 3rd And Part Bill		-8248.80	
							Total Qty Payable In This Bill		516.40	

CIVIL QUALITY CONSULTANTS ENGINEERS Bangalore

Contractor Representive

Consultants Representiv

Asst. Engineer
Ward No 16

Asst. Executive Enginee
Yashwanthapura Sub Divisio

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
3	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete as per the direction of Engineer in charge									
		Sqm								
	Qty Paid Upto 3rd And Part Bill								203.90	
	J Ashok Home Road		1	8.2			1.40	0.15	1.72	
	Soumyashree Badavane		1	8.7			1.40	0.15	1.83	
	Gully Mart		1	9.2			1.40	0.15	1.93	
	SLV		1	8.5			1.40	0.15	1.79	
	7TH Chandrappa Badavane		1	6.5			1.40	0.15	1.37	
	6th Cross Road		2	5.8			1.40	0.15	2.44	
	6th Cross Sharadamba Road		1	7.5			1.40	0.15	1.58	
	7th Cross Sharadamba Road		1	6.2			1.40	0.15	1.30	
	Sharadamba Nagara Main Road		4	6.5			1.40	0.15	5.46	
	HMT Quarters 1st Cross		6	6.4			1.40	0.15	8.10	
	Ward Office Road (Aishwarya Enclave)		2	6.5			1.40	0.15	2.73	
	2nd Cross HMT		4	6.0			1.40	0.15	5.04	
	3 RD Cross HMT		4	6.4			1.40	0.15	5.38	
	4th Cross		4	5.3			1.40	0.15	4.45	
	HMT Ground Road		3	6.7			1.40	0.15	4.20	
	Hospital Road `		1	4.0			1.40	0.15	0.84	
	Jalahalli Police Station Road		1	7.0			1.40	0.15	1.47	
	Bahubali Nagara C Cross		1	6.5			1.40	0.15	1.37	
	5 th D Cross Jalahalli Village		1	6.5			1.40	0.15	1.37	
	Jalahalli Village 3 RD Cross		1	5.0			1.40	0.15	1.05	
	Depot Opposite Road		1	5.0			1.40	0.15	1.05	
	2 nd Cross Road Jalahalli Village		3	4.1			1.40	0.15	2.58	

Contractor Representive

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
	2nd Cross Road		2	4.3			1.40	0.15	1.81	
	Near Muttyalamma Temple		3	5.9			1.40	0.15	3.72	
							Total Work Done		268.44	
					Deduct Paid Qty Upto 3rd And Part Bill				-203.90	
							Total Qty Payable In This Bill		64.55	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Bill Status : 3rd And Final Bill

Date :

Sl No	Description of Items	Unit	Nó	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications.Wall & bottom thickness 15cm complete as per the direction of Engineer in charge	Cum							642.29	
	Qty Paid Upto 3rd And Part Bill									
	FOR DRAIN RAFT									
	J Ashok Home Road		1	8.20			1.10	0.15	1.35	
	Soumyashree Badavane		1	8.70			1.10	0.15	1.44	
	Gully Mart		1	9.20			1.10	0.15	1.52	
	SLV		1	8.50			1.10	0.15	1.40	
	7TH Chandrappa Badavane		1	6.50			1.10	0.15	1.07	
	6th Cross Road		2	5.80			1.10	0.15	1.91	
	6th Cross Sharadamba Road		1	7.50			1.10	0.15	1.24	
	7th Cross Sharadamba Road		1	6.20			1.10	0.15	1.02	
	Sharadamba Nagara Main Road		4	6.50			1.10	0.15	4.29	
	HMT Quarters 1st Cross		6	6.43			1.10	0.15	6.37	
	Ward Office Road (Aishwarya Enclave)		2	6.50			1.10	0.15	2.15	
	2nd Cross HMT		4	6.00			1.10	0.15	3.96	
	3 RD Cross HMT		4	6.40			1.10	0.15	4.22	
	4th Cross		4	5.30			1.10	0.15	3.50	
	HMT Ground Road		3	6.67			1.10	0.15	3.30	
	Hospital Road `		1	4.00			1.10	0.15	0.66	
	Jalahalli Police Station Road		1	7.00			1.10	0.15	1.16	
	Bahubali Nagara C Cross		1	6.50			1.10	0.15	1.07	
	5 th D Cross Jalahalli Village		1	6.50			1.10	0.15	1.07	
	Jalahalli Village 3 RD Cross		1	5.00			1.10	0.15	0.83	
	Depot Opposite Road		1	5.00			1.10	0.15	0.83	
	2 nd Cross Road Jalahalli Village		3	4.10			1.10	0.15	2.03	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
	2nd Cross Road		2	4.30			1.10	0.15	1.42	
	Near Muttyalamma Temple		3	5.90			1.10	0.15	2.92	
	FOR DRAIN WALL									
	J Ashok Home Road		2	8.20			0.9	0.20	2.95	
	Soumyashree Badavane		2	8.70			0.9	0.20	3.13	
	Gully Mart		2	9.20			0.9	0.20	3.31	
	SLV		2	8.50			0.9	0.20	3.06	
	7TH Chandrappa Badavane		2	6.50			0.9	0.20	2.34	
	6th Cross Road		4	5.80			0.9	0.20	4.18	
	6th Cross Sharadamba Road		2	7.50			0.9	0.20	2.70	
	7th Cross Sharadamba Road		2	6.20			0.9	0.20	2.23	
	Sharadamba Nagara Main Road		8	6.50			0.9	0.20	9.36	
	HMT Quarters 1st Cross		12	6.43			0.9	0.20	13.89	
	Ward Office Road (Aishwarya Enclave)		4	6.50			0.9	0.20	4.68	
	2nd Cross HMT		8	6.00			0.9	0.20	8.64	
	3 RD Cross HMT		8	6.40			0.9	0.20	9.22	
	4th Cross		8	5.30			0.9	0.20	7.63	
	HMT Ground Road		6	6.67			0.9	0.20	7.20	
	Hospital Road `		2	4.00			0.9	0.20	1.44	
	Jalahalli Police Station Road		2	7.00			0.9	0.20	2.52	
	Bahubali Nagara C Cross		2	6.50			0.9	0.20	2.34	
	5 th D Cross Jalahalli Village		2	6.50			0.9	0.20	2.34	
	Jalahalli Village 3 RD Cross		2	5.00			0.9	0.20	1.80	
	Depot Opposite Road		2	5.00			0.9	0.20	1.80	
	2 nd Cross Road Jalahalli Village		6	4.10			0.9	0.20	4.43	
	2nd Cross Road		4	4.30			0.9	0.20	3.10	
	Near Muttyalamma Temple		6	5.90			0.9	0.20	6.37	
								Total Work Done	803.66	
								Deduct Paid Qty Upto 3rd And Part Bill	-642.29	
								Total Qty Payable In This Bill	161.37	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
5	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 TMT Bars Fe 500 complete as per the direction of Engineer in charge									
	PCC	ton								
	Qty Paid Upto 3rd And Part Bill								40.23	
	Qty Vide From Calculation								64.29	
							Total Work Done		104.52	
							Qty Upto 125 %		50.29	
				Deduct Paid Qty Upto 3rd And Part Bill					-40.23	
				Total Qty Payable In This Bill Upto 125 %					10.06	
				Total Qty Payable In This Bill Qty Above 125 %					54.24	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Enginee
Yashwanthpura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date : | **Bill Status : 3rd And Final Bill**

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
6	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. - do - cement mortar 1:6 complete as per the direction of Engineer in charge									
		Cum								
	Qty Paid Upto 3rd And Part Bill								82.80	
					Total Qty Payable In This Bill				0.00	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Enginee
Yashwanthapura Sub Divisio

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date : | **Bill Status : 3rd And Final Bill**

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
7	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.-do with solid concrete blocks of size 400*200*200 mm complete as per the direction of Engineer in charge									
		Sqm							6257.29	
	Qty Paid Upto 3rd And Part Bill									
					Total Qty Payable In This Bill				0.00	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

10

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

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Date :										Bill Status : 3rd And Final Bill	
Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
8	Providing ruled pointing to coursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, HOM curing complete as per specifications.– do – cement mortar 1:3complete as per the direction of Engineer in charge									
		Cum								
	Qty Paid Upto 3rd And Part Bill								12300.20	
					Total Qty Payable In This Bill				0.00	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Bill Status : 3rd And Final Bill

Date :

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
9	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in For Coping , including cost of all materials, labour, HOM curing complete as per the direction of Engineer in charge									
		Cum								
	Qty Paid Upto 3rd And Part Bill								476.50	
					Total Qty Payable In This Bill				0.00	

Contractor Representive

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultants Representiv

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

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Bill Status : 3rd And Final Bill

Date :

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
10	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per the direction of Engineer in charge	Cum							146.21	
	Qty Paid Upto 3rd And Part Bill				Total Qty Payable In This Bill				0.00	

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Enginee
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Bill Status : 3rd And Final Bill

Date :

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
11	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(0.9 x 0.60 x 0.1)									
		Sqm							5053.31	
	Qty Paid Upto 3rd And Part Bill									
					Total Qty Payable In This Bill				0.00	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division
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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Bill Status : 3rd And Final Bill

Date :

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
12	Providing and Fixing RCC Precast Cover Slab of 250 mm Thick for Drains in Cement Concrete M-20 using graded granite Jelly of 20 mm and down size with steel Reinforcement, including form work lift charges, curing and concrete finished surface on both sides etc., complete as per the direction of Engineer in charge	Sqm							154.50	
	Qty Paid Upto 3rd And Part Bill									
	J Ashok Home Road		1	8.20			1.80		14.76	
	Soumyashree Badavane		1	8.70			1.80		15.66	
	Gully Mart		1	9.20			1.80		16.56	
	SLV		1	8.50			1.80		15.30	
	7TH Chandrappa Badavane		1	6.50			1.80		11.70	
	6th Cross Road		2	5.80			1.80		20.88	
	6th Cross Sharadamba Road		1	7.50			1.80		13.50	
	7th Cross Sharadamba Road		1	6.20			1.80		11.16	
	Sharadamba Nagara Main Road		4	6.50			1.80		46.80	
	HMT Quarters 1st Cross		6	6.43			1.80		69.44	
	Ward Office Road (Aishwarya Enclave)		2	6.50			1.80		23.40	
	2nd Cross HMT		4	6.00			1.80		43.20	
	3 RD Cross HMT		4	6.40			1.80		46.08	
	4th Cross		4	5.30			1.80		38.16	
	HMT Ground Road		3	6.67			1.80		36.00	
	Hospital Road `		1	4.00			1.80		7.20	
	Jalahalli Police Station Road		1	7.00			1.50		10.50	
	Bahubali Nagara C Cross		1	6.50			1.80		11.70	
	5 th D Cross Jalahalli Village		1	6.50			1.50		9.75	
	Jalahalli Village 3 RD Cross		1	5.00			1.80		9.00	
	Depot Opposite Road		1	5.00			1.50		7.50	
	2 nd Cross Road Jalahalli Village		3	4.10			1.50		18.45	

Executive Engineer
Rajarajeshwari Nagara Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 054.

CIVIL QUALITY CONSULTANTS ENGINEERS Bangalore

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
	2nd Cross Road		2	4.30			1.50		12.90	
	Near Muttyalamma Temple		3	5.90			1.50		26.55	
							Total Work Done		690.65	
							Qty Upto 125 %		196.25	
				Deduct Paid Qty Upto 3rd And Part Bill					-154.50	
				Total Qty Payable In This Bill Upto 125 %					41.75	
				Total Qty Payable In This BillAbove 125 %					494.40	

Executive Engineer
Rajarajeshwari Nagara Divisio
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 054.

Contractor Representive

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

Scanned with CamScanner

BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
13	Removing and resetting of kerb stones.complete as per the direction of Engineer in charge	Rmt								
	Qty Paid Upto 3rd And Part Bill								9787.18	
					Total Qty Payable In This Bill				0.00	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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2022-23

REPORT

BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
14	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete as per the direction of Engineer in charge.									
		mtrs								
	Qty Paid Upto 3rd And Part Bill								10922.00	
								Total Qty Payable In This Bill	0.00	

Contractor Representive

Consultants Representive

Asst Engineer
Ward No 16

Asst Executive Engineer
Yashwanthpura Sub Division

BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
15	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density. complete as per the direction of Engineer in charge									
		Cum								
	Qty Paid Upto 3rd And Part Bill								95.94	
					Total Qty Payable In This Bill				0.00	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Bill Status : 3rd And Final Bill

Date :

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
16	Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per the direction of Engineer in charge									
		Sqm							319.80	
	Qty Paid Upto 3rd And Part Bill									
					Total Qty Payable In This Bill				0.00	

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultants Representive

Contractor Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division
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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
17	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per the direction of Engineer in charge									
		Cum								
	Qty Paid Upto 3rd And Part Bill								3559.55	
							Total Qty Payable In This Bill		0.00	

Contractor Representive

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Bill Status : 3rd And Final Bill

Date :

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
18	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per the direction of Engineer in charge	Cum								
	Qty Paid Upto 3rd And Part Bill								2378.37	
					Total Qty Payable In This Bill				0.00	

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultants Representive

ontractor Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
19	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per the direction of Engineer in charge	Cum								
	Qty Paid Upto 3rd And Part Bill								2728.99	
					Total Qty Payable In This Bill				0.00	

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division
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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
20	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502 complete as per the direction of Engineer in charge	Sqm								
	Qty Paid Upto 3rd And Part Bill								11865.18	
								Total Qty Payable In This Bill	**0.00**	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
21	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per the direction of Engineer in charge									
		Sqm								
	Qty Paid Upto 3rd And Part Bill								33955.92	
					Total Qty Payable In This Bill				0.00	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

25

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
22	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per the direction of Engineer in charge									
		Sqm								
	Qty Paid Upto 3rd And Part Bill								89413.51	
					Total Qty Payable In This Bill				0.00	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst / Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
23	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. Clause 505 of morth V revision using 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 75mm) with 4.5% VG-30 Bitumen. complete as per the direction of Engineer in charge									
		Cum								
	Qty Paid Upto 3rd And Part Bill								2345.06	
					Total Qty Payable In This Bill				0.00	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer,
Yashwanthapura Sub-Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
24	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision. -using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen complete as per the direction of Engineer in charge									
		Cum								
	Qty Paid Upto 3rd And Part Bill									
									1876.04	
					Total Qty Payable In This Bill				0.00	

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthpura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
ERIL 1	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete,-wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications									
	Existing Culverts	Cum								
	J Ashok Home Road		1	8.20			1.80	0.20	2.95	
	Soumyashree Badavane		1	8.70			1.80	0.20	3.13	
	Gully Mart		1	9.20			1.80	0.20	3.31	
	SLV		1	8.50			1.80	0.20	3.06	
	7TH Chandrappa Badavane		1	6.50			1.80	0.20	2.34	
	6th Cross Road		2	5.80			1.80	0.20	4.18	
	6th Cross Sharadamba Road		1	7.50			1.80	0.20	2.70	
	7th Cross Sharadamba Road		1	6.20			1.80	0.20	2.23	
	Sharadamba Nagara Main Road		4	6.50			1.80	0.20	9.36	
	HMT Quarters 1st Cross		6	6.43			1.80	0.20	13.89	
	Ward Office Road (Aishwarya Enclave)		2	6.50			1.80	0.20	4.68	
	2nd Cross HMT		4	6.00			1.80	0.20	8.64	
	3 RD Cross HMT		4	6.40			1.80	0.20	9.22	
	4th Cross		4	5.30			1.80	0.20	7.63	
	HMT Ground Road		3	6.67			1.80	0.20	7.20	
	Hospital Road `		1	4.00			1.80	0.20	1.44	
	Jalahalli Police Station Road		1	7.00			1.50	0.20	2.10	
	Bahubali Nagara C Cross		1	6.50			1.80	0.20	2.34	
	5 th D Cross Jalahalli Village		1	6.50			1.50	0.20	1.95	
	Jalahalli Village 3 RD Cross		1	5.00			1.80	0.20	1.80	
	Depot Opposite Road		1	5.00			1.50	0.20	1.50	
	2 nd Cross Road Jalahalli Village		3	4.10			1.50	0.20	3.69	
	2nd Cross Road		2	4.30			1.50	0.20	2.58	
	Near Muttyalamma Temple		3	5.90			1.50	0.20	5.31	
					Total Qty Payable In This Bill				107.23	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
ERIL 2	KSRRB M200-15.1. Dismantling of existing structures like culverts, bridges,retaining walls and other structure comprising of masonry, cement concrete,wood work, steel work, including T&P and scaffolding wherever necessary,sorting the dismantled material, disposal of unserviceable material andstacking the serviceable material with all lifts complete as per specifications,iii) Dismantling Stone Masonry.MORTH Specification No. 202									
	Existing Culverts	Cum								
	J Ashok Home Road		2	8.20			0.45	0.40	2.95	
	Soumyashree Badavane		2	8.70			0.45	0.40	3.13	
	Gully Mart		2	9.20			0.45	0.40	3.31	
	SLV		2	8.50			0.45	0.40	3.06	
	7TH Chandrappa Badavane		2	6.50			0.45	0.40	2.34	
	6th Cross Road		4	5.80			0.45	0.40	4.18	
	6th Cross Sharadamba Road		2	7.50			0.45	0.40	2.70	
	7th Cross Sharadamba Road		2	6.20			0.45	0.40	2.23	
	Sharadamba Nagara Main Road		8	6.50			0.45	0.40	9.36	
	HMT Quarters 1st Cross		12	6.43			0.45	0.40	13.89	
	Ward Office Road (Aishwarya Enclave)		4	6.50			0.45	0.40	4.68	
	2nd Cross HMT		8	6.00			0.45	0.40	8.64	
	3 RD Cross HMT		8	6.40			0.45	0.40	9.22	
	4th Cross		8	5.30			0.45	0.40	7.63	
	HMT Ground Road		6	6.67			0.45	0.40	7.20	
	Hospital Road		2	4.00			0.45	0.40	1.44	
	Jalahalli Police Station Road		2	7.00			0.45	0.40	2.52	
	Bahubali Nagara C Cross		2	6.50			0.45	0.40	2.34	
	5 th D Cross Jalahalli Village		2	6.50			0.45	0.40	2.34	
	Jalahalli Village 3 RD Cross		2	5.00			0.45	0.40	1.80	
	Depot Opposite Road		2	5.00			0.45	0.40	1.80	
	2 nd Cross Road Jalahalli Village		6	4.10			0.45	0.40	4.43	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

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BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

Date :

Bill Status : 3rd And Final Bill

Sl No	Description of Items	Unit	No	L (M)	B1	B2	Avg B (M)	D (M)	Qty	Remarks
	2nd Cross Road		4	4.30			0.45	0.40	3.10	
	Near Muttyalamma Temple		6	5.90			0.45	0.40	6.37	
					Total Qty Payable In This Bill				110.66	

Contractor Representive

Consultants Representive

Asst. Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura Sub Division

Scanned with CamScanner

Name of the work:-Comprehensive development of Roads and Drains In Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

BARBENDING STEEL SCHEDULE

Bill Status : 3rd And Final Bill

S.No	Description	Dia	Nos	No. Bars	Cutting Length	Total Length	8mm	10mm	12mm	16mm	20mm	25mm
47	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 TMT Bars Fe 500 complete as per the direction of Engineer in charge											
Culverts												
J Ashok Home Road		10.00	4.00	33.00	8.50	1122.00	0.00	1122.00	0.00	0.00	0.00	0.00
Soumyashree Badavane		10.00	4.00	33.00	9.00	1188.00	0.00	1188.00	0.00	0.00	0.00	0.00
Gully Mart		10.00	4.00	33.00	9.50	1254.00	0.00	1254.00	0.00	0.00	0.00	0.00
SLV		10.00	4.00	33.00	8.80	1161.60	0.00	1161.60	0.00	0.00	0.00	0.00
7TH Chandrappa Badavane		10.00	4.00	33.00	6.80	897.60	0.00	897.60	0.00	0.00	0.00	0.00
6th Cross Road		10.00	8.00	33.00	6.60	1742.40	0.00	1742.40	0.00	0.00	0.00	0.00
6th Cross Sharadamba Road		10.00	4.00	33.00	7.80	1029.60	0.00	1029.60	0.00	0.00	0.00	0.00
7th Cross Sharadamba Road		10.00	4.00	33.00	6.50	858.00	0.00	858.00	0.00	0.00	0.00	0.00
Sharadamba Nagara Main Road		10.00	16.00	33.00	6.80	3590.40	0.00	3590.40	0.00	0.00	0.00	0.00
HMT Quarters 1st Cross		10.00	24.00	33.00	7.23	5726.16	0.00	5726.16	0.00	0.00	0.00	0.00
Ward Office Road (Aishwarya Enclave)		10.00	8.00	33.00	6.80	1795.20	0.00	1795.20	0.00	0.00	0.00	0.00
2nd Cross HMT		10.00	16.00	33.00	6.30	3326.40	0.00	3326.40	0.00	0.00	0.00	0.00
3 RD Cross HMT		10.00	16.00	33.00	6.70	3537.60	0.00	3537.60	0.00	0.00	0.00	0.00
4th Cross		10.00	16.00	33.00	5.60	2956.80	0.00	2956.80	0.00	0.00	0.00	0.00
HMT Ground Road		10.00	12.00	33.00	6.97	2758.80	0.00	2758.80	0.00	0.00	0.00	0.00
Hospital Road '		10.00	4.00	33.00	4.30	567.60	0.00	567.60	0.00	0.00	0.00	0.00
Jalahalli Police Station Road		10.00	4.00	33.00	7.30	963.60	0.00	963.60	0.00	0.00	0.00	0.00
Bahubali Nagara C Cross		10.00	4.00	33.00	6.80	897.60	0.00	897.60	0.00	0.00	0.00	0.00
5 th D Cross Jalahalli Village		10.00	4.00	33.00	7.10	937.20	0.00	937.20	0.00	0.00	0.00	0.00
Jalahalli Village 3 RD Cross		10.00	4.00	33.00	5.30	699.60	0.00	699.60	0.00	0.00	0.00	0.00
Depot Opposite Road		10.00	4.00	33.00	5.30	699.60	0.00	699.60	0.00	0.00	0.00	0.00
2 nd Cross Road Jalahalli Village		10.00	12.00	33.00	4.40	1742.40	0.00	1742.40	0.00	0.00	0.00	0.00
2nd Cross Road		10.00	8.00	33.00	4.60	1214.40	0.00	1214.40	0.00	0.00	0.00	0.00
Near Muttyalamma Temple		10.00	12.00	33.00	6.40	2534.40	0.00	2534.40	0.00	0.00	0.00	0.00
J Ashok Home Road		12.00	4.00	85.00	3.25	1105.00	0.00	0.00	1105.00	0.00	0.00	0.00
Soumyashree Badavane		12.00	4.00	90.00	3.25	1170.00	0.00	0.00	1170.00	0.00	0.00	0.00
Gully Mart		12.00	4.00	95.00	3.25	1235.00	0.00	0.00	1235.00	0.00	0.00	0.00
SLV		12.00	4.00	88.00	3.25	1144.00	0.00	0.00	1144.00	0.00	0.00	0.00
7TH Chandrappa Badavane		12.00	4.00	68.00	3.25	884.00	0.00	0.00	884.00	0.00	0.00	0.00
6th Cross Road		12.00	8.00	66.00	3.25	1716.00	0.00	0.00	1716.00	0.00	0.00	0.00
6th Cross Sharadamba Road		12.00	4.00	78.00	3.25	1014.00	0.00	0.00	1014.00	0.00	0.00	0.00
7th Cross Sharadamba Road		12.00	4.00	65.00	3.25	845.00	0.00	0.00	845.00	0.00	0.00	0.00
Sharadamba Nagara Main Road		12.00	16.00	68.00	3.25	3536.00	0.00	0.00	3536.00	0.00	0.00	0.00
HMT Quarters 1st Cross		12.00	24.00	72.00	3.25	5616.00	0.00	0.00	5616.00	0.00	0.00	0.00
Ward Office Road (Aishwarya Enclave)		12.00	8.00	68.00	3.25	1768.00	0.00	0.00	1768.00	0.00	0.00	0.00
2nd Cross HMT		12.00	16.00	63.00	3.25	3276.00	0.00	0.00	3276.00	0.00	0.00	0.00
3 RD Cross HMT		12.00	16.00	67.00	3.25	3484.00	0.00	0.00	3484.00	0.00	0.00	0.00
4th Cross		12.00	16.00	56.00	3.25	2912.00	0.00	0.00	2912.00	0.00	0.00	0.00
HMT Ground Road		12.00	12.00	70.00	3.25	2730.00	0.00	0.00	2730.00	0.00	0.00	0.00
Hospital Road '		12.00	4.00	43.00	3.25	559.00	0.00	0.00	559.00	0.00	0.00	0.00
Jalahalli Police Station Road		12.00	4.00	73.00	3.25	949.00	0.00	0.00	949.00	0.00	0.00	0.00
Bahubali Nagara C Cross		12.00	4.00	68.00	3.25	884.00	0.00	0.00	884.00	0.00	0.00	0.00
5 th D Cross Jalahalli Village		12.00	4.00	71.00	3.25	923.00	0.00	0.00	923.00	0.00	0.00	0.00
Jalahalli Village 3 RD Cross		12.00	4.00	53.00	3.25	689.00	0.00	0.00	689.00	0.00	0.00	0.00
Depot Opposite Road		12.00	4.00	53.00	3.25	689.00	0.00	0.00	689.00	0.00	0.00	0.00
2 nd Cross Road Jalahalli Village		12.00	12.00	44.00	3.25	1716.00	0.00	0.00	1716.00	0.00	0.00	0.00
2nd Cross Road		12.00	8.00	46.00	3.25	1196.00	0.00	0.00	1196.00	0.00	0.00	0.00
Near Muttyalamma Temple		12.00	12.00	64.00	3.25	2496.00	0.00	0.00	2496.00	0.00	0.00	0.00
							0.00	43200.96	42536.00	0.00	0.00	0.00
				TOTAL		8MM	0.00	0.39	0.00			
						10MM	43200.96	0.62	26654.99			
						12MM	42536.00	0.89	37771.97			
						16MM	0.00	1.58	0.00			
						20MM	0.00	2.47	0.00			
						25MM	0.00	3.85	0.00			
		Qty Limited To		64.29			TOTAL QTY		64426.96	64.43		

QUALITY CONSULTANTS & ENG.

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Name of the work:-Comprehensive development of Roads and Drains in Ward no 16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE - 2019-20-RRN-DIV(01)

BARBENDING STEEL SCHEDULE

Bill Status : 3rd And Final Bill

Description	Dia	Nos	No. Bars	Cutting Length	Total Length	8mm	10mm	12mm	16mm	20mm	25mm
Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 TMT Bars IS:432 complete as per the direction of Engineer in charge											
Culverts	10.00	4.00	33.00	8.50	1122.00	0.00	1122.00	0.00	0.00	0.00	0.00
Ashok Home Road	10.00	4.00	33.00	9.00	1188.00	0.00	1188.00	0.00	0.00	0.00	0.00
Soumyashree Badavane	10.00	4.00	33.00	9.50	1254.00	0.00	1254.00	0.00	0.00	0.00	0.00
Gully Mart	10.00	4.00	33.00	8.80	1161.60	0.00	1161.60	0.00	0.00	0.00	0.00
SLV	10.00	4.00	33.00	6.80	897.60	0.00	897.60	0.00	0.00	0.00	0.00
7th Chandrappa Badavane	10.00	8.00	33.00	6.60	1742.40	0.00	1742.40	0.00	0.00	0.00	0.00
6th Cross Road	10.00	4.00	33.00	7.80	1029.60	0.00	1029.60	0.00	0.00	0.00	0.00
6th Cross Sharadamba Road	10.00	4.00	33.00	6.50	858.00	0.00	858.00	0.00	0.00	0.00	0.00
7th Cross Sharadamba Road	10.00	16.00	33.00	6.80	3590.40	0.00	3590.40	0.00	0.00	0.00	0.00
Sharadamba Nagara Main Road	10.00	24.00	33.00	7.23	5726.16	0.00	5726.16	0.00	0.00	0.00	0.00
HMT Quarters 1st Cross	10.00	8.00	33.00	6.80	1795.20	0.00	1795.20	0.00	0.00	0.00	0.00
Ward Office Road (Aishwarya Enclave)	10.00	16.00	33.00	6.30	3326.40	0.00	3326.40	0.00	0.00	0.00	0.00
2nd Cross HMT	10.00	16.00	33.00	6.70	3537.60	0.00	3537.60	0.00	0.00	0.00	0.00
3 RD Cross HMT	10.00	16.00	33.00	5.60	2956.80	0.00	2956.80	0.00	0.00	0.00	0.00
4th Cross	10.00	12.00	33.00	6.97	2758.80	0.00	2758.80	0.00	0.00	0.00	0.00
HMT Ground Road	10.00	4.00	33.00	4.30	567.60	0.00	567.60	0.00	0.00	0.00	0.00
Hospital Road '	10.00	4.00	33.00	7.30	963.60	0.00	963.60	0.00	0.00	0.00	0.00
Jalahalli Police Station Road	10.00	4.00	33.00	6.80	897.60	0.00	897.60	0.00	0.00	0.00	0.00
Bahubali Nagara C Cross	10.00	4.00	33.00	7.10	937.20	0.00	937.20	0.00	0.00	0.00	0.00
5 th D Cross Jalahalli Village	10.00	4.00	33.00	5.30	699.60	0.00	699.60	0.00	0.00	0.00	0.00
Jalahalli Village 3 RD Cross	10.00	4.00	33.00	5.30	699.60	0.00	699.60	0.00	0.00	0.00	0.00
Depot Opposite Road	10.00	12.00	33.00	4.40	1742.40	0.00	1742.40	0.00	0.00	0.00	0.00
2 nd Cross Road Jalahalli Village	10.00	8.00	33.00	4.60	1214.40	0.00	1214.40	0.00	0.00	0.00	0.00
2nd Cross Road	10.00	12.00	33.00	6.40	2534.40	0.00	2534.40	0.00	0.00	0.00	0.00
Near Muttyalamma Temple											
Culverts	12.00	4.00	85.00	3.25	1105.00	0.00	0.00	1105.00	0.00	0.00	0.00
Ashok Home Road	12.00	4.00	90.00	3.25	1170.00	0.00	0.00	1170.00	0.00	0.00	0.00
Soumyashree Badavane	12.00	4.00	95.00	3.25	1235.00	0.00	0.00	1235.00	0.00	0.00	0.00
Gully Mart	12.00	4.00	88.00	3.25	1144.00	0.00	0.00	1144.00	0.00	0.00	0.00
SLV	12.00	4.00	68.00	3.25	884.00	0.00	0.00	884.00	0.00	0.00	0.00
7TH Chandrappa Badavane	12.00	8.00	66.00	3.25	1716.00	0.00	0.00	1716.00	0.00	0.00	0.00
6th Cross Road	12.00	4.00	78.00	3.25	1014.00	0.00	0.00	1014.00	0.00	0.00	0.00
6th Cross Sharadamba Road	12.00	4.00	65.00	3.25	845.00	0.00	0.00	845.00	0.00	0.00	0.00
7th Cross Sharadamba Road	12.00	16.00	68.00	3.25	3536.00	0.00	0.00	3536.00	0.00	0.00	0.00
Sharadamba Nagara Main Road	12.00	24.00	72.00	3.25	5616.00	0.00	0.00	5616.00	0.00	0.00	0.00
HMT Quarters 1st Cross	12.00	8.00	68.00	3.25	1768.00	0.00	0.00	1768.00	0.00	0.00	0.00
Ward Office Road (Aishwarya Enclave)	12.00	16.00	63.00	3.25	3276.00	0.00	0.00	3276.00	0.00	0.00	0.00
2nd Cross HMT	12.00	16.00	67.00	3.25	3484.00	0.00	0.00	3484.00	0.00	0.00	0.00
3 RD Cross HMT	12.00	16.00	56.00	3.25	2912.00	0.00	0.00	2912.00	0.00	0.00	0.00
4th Cross	12.00	12.00	70.00	3.25	2730.00	0.00	0.00	2730.00	0.00	0.00	0.00
HMT Ground Road	12.00	4.00	43.00	3.25	559.00	0.00	0.00	559.00	0.00	0.00	0.00
Hospital Road '	12.00	4.00	73.00	3.25	949.00	0.00	0.00	949.00	0.00	0.00	0.00
Jalahalli Police Station Road	12.00	4.00	68.00	3.25	884.00	0.00	0.00	884.00	0.00	0.00	0.00
Bahubali Nagara C Cross	12.00	4.00	71.00	3.25	923.00	0.00	0.00	923.00	0.00	0.00	0.00
5 th D Cross Jalahalli Village	12.00	4.00	53.00	3.25	689.00	0.00	0.00	689.00	0.00	0.00	0.00
Jalahalli Village 3 RD Cross	12.00	4.00	53.00	3.25	689.00	0.00	0.00	689.00	0.00	0.00	0.00
Depot Opposite Road	12.00	12.00	44.00	3.25	1716.00	0.00	0.00	1716.00	0.00	0.00	0.00
2 nd Cross Road Jalahalli Village	12.00	8.00	46.00	3.25	1196.00	0.00	0.00	1196.00	0.00	0.00	0.00
2nd Cross Road	12.00	12.00	64.00	3.25	2496.00	0.00	0.00	2496.00	0.00	0.00	0.00
Near Muttyalamma Temple						0.00	43200.96	42536.00	0.00	0.00	0.00
			TOTAL		8MM	0.00	0.39	0.00			
					10MM	43200.96	0.62	26654.99			
					12MM	42536.00	0.89	37771.97			
					16MM	0.00	1.58	0.00			
					20MM	0.00	2.47	0.00			
					25MM	0.00	3.85	0.00			
	Qty Limited To		64.29			TOTAL QTY		64426.96	64.43		

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CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

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